

1 6. The image printing device of claim 1, wherein said printing
2 device prints said image using said location data in said image data signal and
3 dot size data determined by said processor.

1 7. The image printing device of claim 1, wherein said printing
2 device is a laser printer.

1 8. The image printing device of claim 1, wherein said printing
2 device is an ink-jet printer.

1 9. The image printing device of claim 1, wherein said printing
2 device is a fax machine.

1 10. A method of printing an image with an image printing device
2 based on an image data signal that comprises data specifying print location data
3 for each dot that constitutes said image, said method comprising determining a
4 size for each said dot based on said print location data of said image data
5 signal.

1 11. The method of claim 10, wherein said determining a size for
2 each said dot further comprises, determining a density of dots around that dot
3 for which size is being determined and determining said size for that dot based
4 on said density.

1 12. The method of claim 10, further comprising:
2 counting a number of dots specified by said print location data for
3 printing in a square matrix centered on a particular dot for which dot size is to
4 be determined; and
5 calculating a dot density estimation based on said number of dots
6 in said square matrix.

1 13. The method of claim 12, further comprising determining a
2 dot size of said particular dot is based on said dot density estimation.

1 14. The method of claim 12, further comprising defining said
2 square matrix as having five pixels to a side.

1 15. The method of claim 12, wherein said calculating a dot
2 density estimation further comprises weighting each counted dot based on
3 proximity to a center of said square matrix.

1 16. The method of claim 10, further comprising printing said
2 image with said printing device using said location data in said image data signal
3 and dot size data.

1 17. An image printing device comprising:
2 means for receiving an image data signal in said image printing
3 device; and
4 processor means in said image printing device for receiving and
5 processing said image data signal, wherein said image data signal contains data
6 specifying location data for each dot of which an image described by said image
7 data signal is constituted,
8 said processor means comprising means for determining a size for
9 each said dot based on dot density data derived from said location data of said
10 image data signal.

1 18. The image printing device of claim 17, further wherein said
2 processor means comprises:
3 means for counting a number of dots specified by said location
4 data for printing in a square matrix centered on a particular dot for which dot
5 size is to be determined; and
6 means for calculating a dot density estimation based on said
7 number of dots in said square matrix.

1 19. The image printing device of claim 18, wherein a dot size of
2 said particular dot is determined based on said dot density estimation.

1 20. Computer-readable instructions stored on a media for
2 recording computer-readable instructions, wherein said instructions cause a
3 processing device, that receives an image data signal comprising data specifying
4 print location data for each dot that constitutes an image, to determine a size
5 for each said dot based on said print location data of said image data signal.

1 21. The computer readable instructions of claim 20, wherein
2 said instructions further cause said processing device to:
3 determine a density of dots around that dot for which size is being
4 determined; and
5 determine said size for that dot based on said density.

1 22. The computer readable instructions of claim 20, wherein
2 said instructions further cause said processing device to:
3 count a number of dots specified by said print location data for
4 printing in a square matrix centered on a particular dot for which dot size is to
5 be determined; and
6 calculate a dot density estimation based on said number of dots in
7 said square matrix;
8 wherein said size for that particular dot is determined based on
9 said calculated dot density.